

**Senate File 299 - Introduced**

SENATE FILE 299

BY GREINER

**A BILL FOR**

1 An Act concerning boiler inspections.

2 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. Section 89.3, subsection 8, Code 2013, is amended  
2 to read as follows:

3 8. ~~Internal inspections~~ Inspections of unfired steam  
4 pressure vessels operating in excess of fifteen pounds per  
5 square inch and low pressure steam boilers shall be conducted  
6 ~~once every two years. External inspections shall be conducted~~  
7 annually at least once each calendar year. The inspections  
8 conducted over each two-year period shall include an external  
9 inspection conducted while the boiler is operating and an  
10 internal inspection, where construction permits. No more than  
11 one inspection shall be conducted over a six-month period.  
12 An internal inspection of an unfired steam pressure vessel  
13 or low pressure steam boiler may be required at any time by  
14 the commissioner upon the observation by an inspector of  
15 conditions, enumerated by the commissioner through rules,  
16 warranting an internal inspection.

17 Sec. 2. Section 89.4, subsection 1, Code 2013, is amended by  
18 adding the following new paragraphs:

19 NEW PARAGRAPH. j. An electric boiler with a water capacity  
20 of six gallons or less that is used as an integral part of an  
21 espresso coffee machine, cappuccino coffee machine, or cleaning  
22 machine.

23 NEW PARAGRAPH. k. Continuous coil-type hot water boilers  
24 used only for steam vapor cleaning, to which all of the  
25 following apply:

26 (1) The size of the tubing or pipe, with no drums or  
27 headers attached, does not exceed three-fourths of one inch in  
28 diameter.

29 (2) Nominal water capacity of the boiler does not exceed six  
30 gallons.

31 (3) Water temperature in the boiler does not exceed three  
32 hundred fifty degrees Fahrenheit.

33 (4) Steam is not generated within the coil.

34 EXPLANATION

35 This bill provides for required inspections of unfired steam

1 pressure vessels operating in excess of 15 pounds per square  
2 inch to occur at least once a year. The bill provides that  
3 such inspections shall include one internal inspection and one  
4 external inspection in each two-year period. The bill provides  
5 that such inspections shall occur no more than once every six  
6 months. The bill also applies this requirement to low pressure  
7 steam boilers.

8     The bill provides for two additional exemptions from  
9 Code chapter 89 governing boilers and unfired steam pressure  
10 vessels. The bill exempts an electric boiler with a water  
11 capacity of six gallons or less that is used as an integral  
12 part of an espresso coffee machine, cappuccino coffee machine,  
13 or cleaning machine. The bill also exempts continuous  
14 coil-type hot water boilers used only for steam vapor cleaning  
15 that meet certain criteria.